

# GIS REGISTRY INFORMATION

SITE NAME:

FORMER Mobil station 05-MWO

BRRTS #:

0368000291

FID # (if appropriate): 268361390

COMMERCE # (if appropriate):

CLOSURE DATE:

12/12/02

STREET ADDRESS:

1441 East Racine Avenue

CITY:

Waukegan

53186

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):

X= 666079 Y= 282068

CONTAMINATED MEDIA:

Groundwater

☐

Soil

☐

Both

☒

OFF-SOURCE GW CONTAMINATION >ES:

☐ Yes

☒ No

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection):

X= Y=

OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):

☐ Yes

☒ No

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection):

X= Y=

CONTAMINATION IN RIGHT OF WAY:

☐ Yes

☒ No

## DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter issued

Copy of most recent deed, including legal description, for all affected properties

Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties  
County Parcel ID number, if used for county, for all affected properties

Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.

Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.

Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)

Tables of Latest Soil Analytical Results (no shading or cross-hatching)

Isoconcentration map(s), if required for site investigation (SI) (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. If not available, include the latest extent of contaminant plume map.

GW: Table of water level elevations, with sampling dates, and free product noted if present

GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)

SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour

Geologic cross-sections, if required for SI. (8.5x14" if paper copy)

RP certified statement that legal descriptions are complete and accurate

Copies of off-source notification letters (if applicable)

Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)

Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure

PAL

Allen Spind.

FID 268361396

BUDTS 036800291

GIS plat  
complete

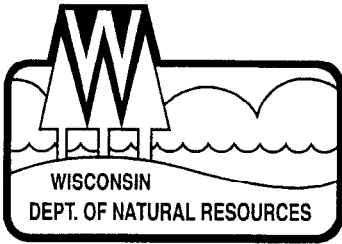
## Checklist of Documents for GIS Registry Packet

WI DNR, Bureau for Remediation and Redevelopment, PUB-RR-688

(Include with closure request - please assemble in this order, rather than that identified on the close out form.) 10/1/12

- ☒ One-time fee of \$250.00 for each case closed, for maintenance of the registry.
- ☒ Copies of the most recent deed including legal descriptions, for all properties within or partially within the contaminated site boundaries. (Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract should be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.)
- NA ☐ A copy of the certified surveyed map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. (lots on subdivided or platted property (e.g. lot2 of xyz subdivision))
- ☒ Parcel identification number for each property, if the county in which the property is located uses parcel identification numbers.
- ☒ A location map which outlines all properties within the contaminated site boundaries in sufficient detail to permit the easy location of all parcels. (If only one parcel, combine with next item.)
- ☒ A map of all contaminated properties within site boundaries, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells.
- ☒ A table of the most recent analytical results from all monitoring wells, and any potable wells for which samples have been collected, with sample collection dates. (without shading/crosshatching)
- ☐ An isoconcentration map, if available from the site investigation (SI), of the contaminated properties within the site boundaries. The map should include the areal extent of groundwater contamination exceeding PALs, groundwater flow directions based on the most recent data, and sample dates.  
If an isoconcentration map is not available from the SI, substitute the following two maps from the SI, based on the most recent data.
  - ☒ A groundwater flow direction map, based on the most recent data.
  - ☒ A map showing the horizontal extent of contamination, based on most recent data.
- ☒ A geologic cross section, if available from the SI, showing vertical extent and location of soil and groundwater contamination, source extent and location; isoconcentrations for all groundwater contaminants that exceed PALs; water table and piezometric elevations, and the location and elevation of geologic units, bedrock, and confining units, if any.
- NA ☐ SEE BELOW  
A statement signed by the responsible party, which states that he or she believes that the legal descriptions attached to the statement are complete and accurate. (The point here is that the legal descriptions are describing the correct (i.e. contaminated) properties.)
- ☒ A copy of the letters sent by the RP to all owners of properties with groundwater exceeding ESs (including the current source-property owner, if the RP is not the current source-property owner.) (Off source properties are listed separately with a link to the source property.)
- NA ☐ A copy of notification provided to City/village/municipality/state agency responsible for maintenance of a road right-of-way, within or partially within the boundaries of the contaminated site.
- ☒ Geographic position of all properties within or partially within the contaminated site boundaries. The coordinates need to be for a spot located at least 40 feet inside the property boundary. Refer to NR 716.15(2)(d)7, and (k). The coordinates must be in WTM91 projection. See the following WDNR website address for assistance: [www.dnr.state.wi.us/org/at/et/geo/gwur/index.htm](http://www.dnr.state.wi.us/org/at/et/geo/gwur/index.htm).

THE CURRENT PROPERTY OWNER WAS NOTIFIED OF THE PENDING GIS REGISTRY & ASKED TO NOTIFY RP IF THE LEGAL DESCRIPTION PROVIDED IS INACCURATE.



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor  
Darrell Bazzell, Secretary  
Gloria L. McCutchen, Regional Director

Waukesha Service Center  
407 Pilot Court, Suite 100  
Waukesha, Wisconsin 53188  
Telephone 262-574-2100  
FAX 262-574-2117

December 12, 2002

FID# 268361390  
BRRTS# 03-68-000291

Mr. Jeff Johnson  
ExxonMobil Refining Company  
P.O. Box 874  
Joliet, IL 60434

SUBJECT: Final Case Closure, Former Mobil Station 05-MWO, 1441 East Racine Avenue,  
Waukesha, Wisconsin 53186

Dear Mr. Johnson:

On September 14, 2000, ExxonMobil was notified that the Wisconsin Department of Natural Resources had granted conditional closure to your case, pending off-site investigation. The Department has since received correspondence indicating that you have completed the off-site investigation and have met the conditions of closure.

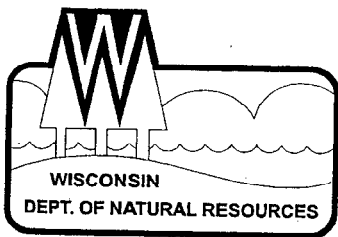
The subject site has been placed on the Geographical Information System (GIS) registry for groundwater and all well abandonment forms have been submitted to the Department. An exemption for having concentrations (of the compounds Naphthalene, benzene, MTBE, and total TMB) in groundwater greater than the preventative action limit listed in ch. NR 140 in monitoring well locations TP-1 through TP-4 has been granted for this site. Authority to grant this variance comes from s. NR 140.28(2)(a). Based on the correspondence and data provided, it appears that your site has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. Therefore, the Department considers this case closed and no further investigation, remediation or other action is required at this time.

Please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment. The Department appreciates your efforts to protect and restore the environment at this site. If you have any questions regarding this letter, please contact me at the letterhead address or (262) 574-2145.

Sincerely,

James C. Delwiche, P.G.  
Hydrogeologist  
Bureau for Remediation & Redevelopment

cc: Craig Workman – Handex



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor  
George E. Meyer, Secretary  
Gloria L. McCutcheon, Regional Director

Southeast Region Annex  
4041 North Richards Street  
PO Box 12436  
Milwaukee, Wisconsin 53212-0436  
Telephone 414-229-0800  
FAX 414-229-0810

September 14, 2000

Mr. Khristopher Jiminex  
ExxonMobil  
P.O. Box 874  
Joliet, IL 60434

Subject: No further action, Mobil Oil Station 05 MWO, 1441 Racine Avenue, Waukesha,  
WDNR FID#268361390 BRRTS#0368000291

Dear Mr. Holland:

In August, 1999 request for closure of the above-referenced site was made to the Department. The Department denied closure in a letter dated October 19, 1999, requesting additional information for the former gas station property and further investigation of offsite properties. Your environmental consultant, Handex, provided the requested on-site information to the Department in April 25, 2000. Based on a review of that information, the Department has determined that no further investigative or remedial action is required at the former service station property at 1441 Racine Avenue, Waukesha, at this time. However, site closure will not be granted until the offsite investigation/remediation is complete. In addition, because the latest round of groundwater monitoring at the service station property detected concentrations of naphthalene and total trimethylbenzene above the NR 140 Wis. Adm. Code enforcement standard (ES), a condition of site closure will be that a groundwater use restriction be recorded on that property (and any others with groundwater exceedances).

Abandonment of groundwater monitor wells on the 1441 Racine Ave. property is optional at this time, however it is recommended that you retain some wells to help define groundwater flow at the offsite properties. In addition, you may want to resample monitor well W-1 to determine if contaminant concentrations fall below the ES (two consecutive rounds below the ES) so that a groundwater use restriction would not be required.

The Department appreciates your ongoing efforts to restore the environment. If you have any questions regarding this letter, please contact me at the letterhead address or at (414) 229-0874.

Sincerely,

Nancy D. Ryan, Hydrogeologist  
Remediation and Redevelopment

Cc: SER site file  
Craig Workman, Handex



UC2529124-002

Document Number

STATE BAR OF WISCONSIN FORM 3 - 1998

## QUIT CLAIM DEED

JAN 3 00 000403

2529124

REGISTER'S OFFICE  
WAUKESHA COUNTY, WI  
RECORDED ON

01-03-2000 3:24 PM

MICHAEL J. HASSLINGER  
REGISTER OF DEEDSREC. FEE: 6.00  
REC. FEE-CO: 4.00  
REC. FEE-ST: 2.00  
TRAN. FEE:  
TRAN. FEE-STATE:  
PAGES: 2

This Deed, made between LAWRENCE A. WOLF,  
individually and as Trustee of the LAWRENCE A.  
WOLF AND LUCILLE M. WOLF REVOCABLE TRUST OF 1996  
Grantor,  
and WOLF FAMILY LIMITED PARTNERSHIP  
LAWRENCE

Grantor,

Grantee.

Grantor quit claims to Grantee the following described real estate in  
Waukesha County, State of Wisconsin:

See attached legal description.

Recording Area

Name and Return Address

John M. Remmers  
PO Box 558  
Waukesha, WI 53187-0558

1340.094

Parcel Identification Number (PIN)

This is not homestead property.  
(is) (is not)

Together with all appurtenant rights, title and interests.

FEE  
# 77.25 (15m)  
EXEMPT

Dated this 29th day of December, 1999.

\* \_\_\_\_\_  
\* \_\_\_\_\_

Lawrence A. Wolf  
Lawrence A. Wolf

## AUTHENTICATION

Signature(s) \_\_\_\_\_

authenticated this \_\_\_\_\_ day of \_\_\_\_\_,

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, \_\_\_\_\_  
authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

John M. Remmers, Esq.CRAMER, MULTHAUF & HAMMES, LLP

(Signatures may be authenticated or acknowledged. Both are  
not necessary.)

## ACKNOWLEDGMENT

STATE OF WISCONSIN )

Waukesha County, ) ss.

Personally came before me this 29th day of  
December, 1999 the above named

Lawrence A. Wolf

to me known to be the person who executed  
the foregoing instrument and acknowledged the same.

\* John M. Remmers

Notary Public, State of Wisconsin

My Commission is permanent. (If not, state expiration date: \_\_\_\_\_)

\*Names of persons signing in any capacity must be typed or printed below their signature.

QUIT CLAIM DEED

STATE BAR OF WISCONSIN  
FORM No. 3-1998

Produced with ZipForm™ by VeriSoft Inc. 18025 Fifteen Mile Road, Clinton Township, Michigan 48035, (800) 383-9805

Cramer, Multhauf &amp; Hammes LLP, 1601 E Racine Ave Ste 200, Waukesha WI 53186-0558

Phone (414) 542-4278

Fax (414) 542-4270

09936215 UFD

JAN 3 00 0 0 0 4 0 9

LEGAL DESCRIPTION

An undivided  $\frac{1}{2}$  interest in:

All of Lot 1, Block 17, in Gray Terrace, being a Subdivision of a part of the Northeast 1/4 and the Southeast 1/4 of Section 11, Town 6 North, Range 19 East, in the City of Waukesha, County of Waukesha, State of Wisconsin.

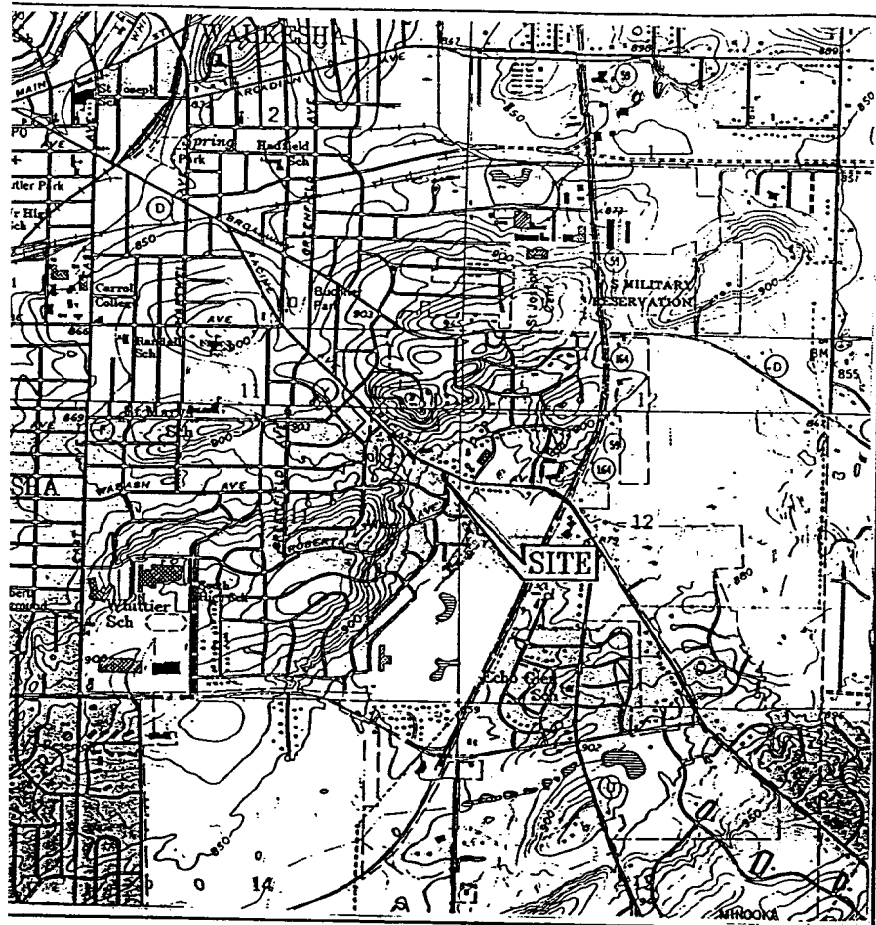
EXCEPTING THEREFROM the following described Parcel:

Beginning at the Northeast corner of said Lot 1, Block 7 of Gray Terrace; thence South  $0^{\circ}28'$  East along the Westerly line of Roberta Avenue, a 70' street, 150.00 feet; thence North  $67^{\circ}11'38''$  West parallel to Racine Avenue, 159.27 feet; thence North  $22^{\circ}48'22''$  East 137.80 feet to the Southwesterly line of Racine Avenue; thence South  $67^{\circ}11'38''$  East along the Southwesterly line of Racine Avenue, a 100' street, 100.00 feet to the point of beginning.

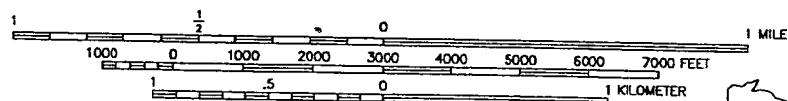
TAX PARCEL NUMBER: 1340.094

ADDRESS: 1441 East Racine Avenue, Waukesha, WI

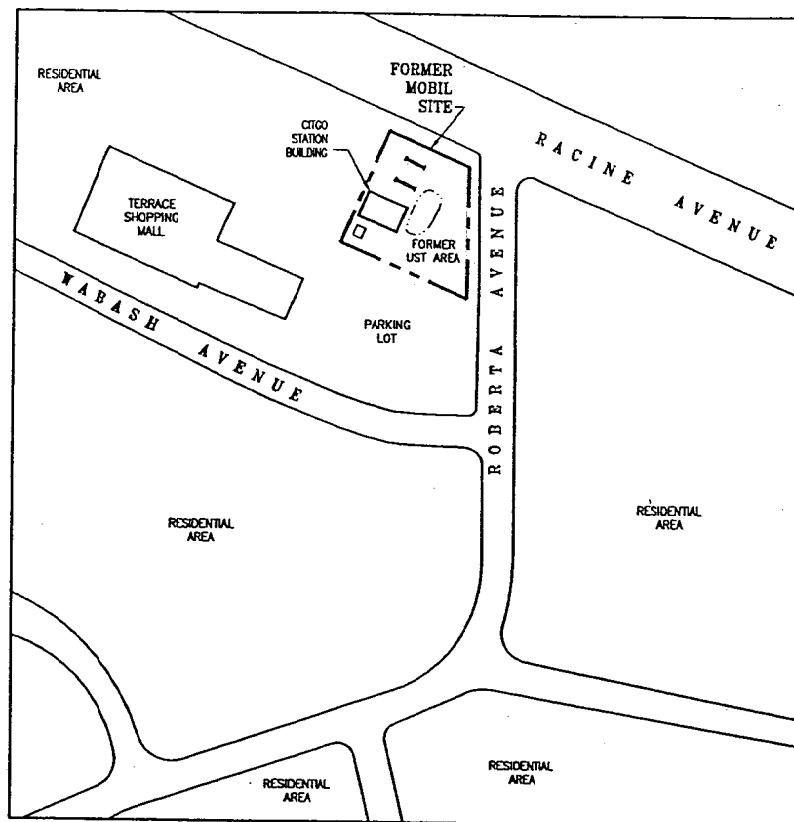
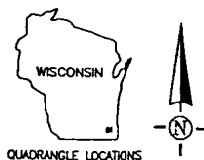
NO.	REVISIONS	DATE	BY	CHKD



SCALE 1:24000



MUSKEGO & WAUKESHA QUADRANGLES  
WAUKESHA COUNTY, WISCONSIN  
7.5 MINUTE SERIES (TOPOGRAPHIC)



SCHEMATIC OF SURROUNDING AREA  
NOT TO SCALE

**Handex**  
OF WISCONSIN  
16940 VICTOR ROAD  
NEW BERLIN, WI 53151  
(414) 641-9011

## MOBIL OIL CORPORATION

Marketing & Refining Division - U.S.  
Marketing Operations Department  
Environmental Engineering Group  
Fairfax, Virginia 22037

**SITE LOCATION MAP**  
FORMER MOBIL SERVICE STATION # 05-MWO  
1441 RACINE AVENUE  
WAUKESHA, WAUKESHA COUNTY, WISCONSIN

DRAWN BY: M. SMITH  
CHECKED BY: -  
SCALE: AS NOTED  
DATE: 1/19/99  
DRAWING FILE: 116890

FIGURE

1

NO.	REVISIONS	DATE	BY	CHKD



0 60  
APPROX. SCALE IN FEET

LEGEND	
	PROPERTY BOUNDARY
	APPROXIMATE LIMITS OF SOIL EXCAVATION
	UNDERGROUND AS/SVE LINES
	MONITORING WELL LOCATION
	ABANDONED RECOVERY WELL LOCATION
	VAPOR EXTRACTION WELL LOCATION
	AIR SPARGING WELL LOCATION
	SOIL BORING LOCATION
DRAWN BY:	M. SMITH
CHECKED BY:	-
SCALE:	1" = 60'
DATE:	6/13/02
DRAWING FILE:	116890

FIGURE

2

**Handex**  
OF WISCONSIN  
16940 VICTOR ROAD  
NEW BERLIN, WI 53151  
(262) 641-9011

**EXXONMOBIL OIL CORPORATION**

P.O. Box 874  
Joliet, IL 60434

# **SITE MAP**

FORMER MOBIL SERVICE STATION # 05-MW0  
1441 RACINE AVENUE  
WAUKESHA, WAUKESHA COUNTY, WISCONSIN

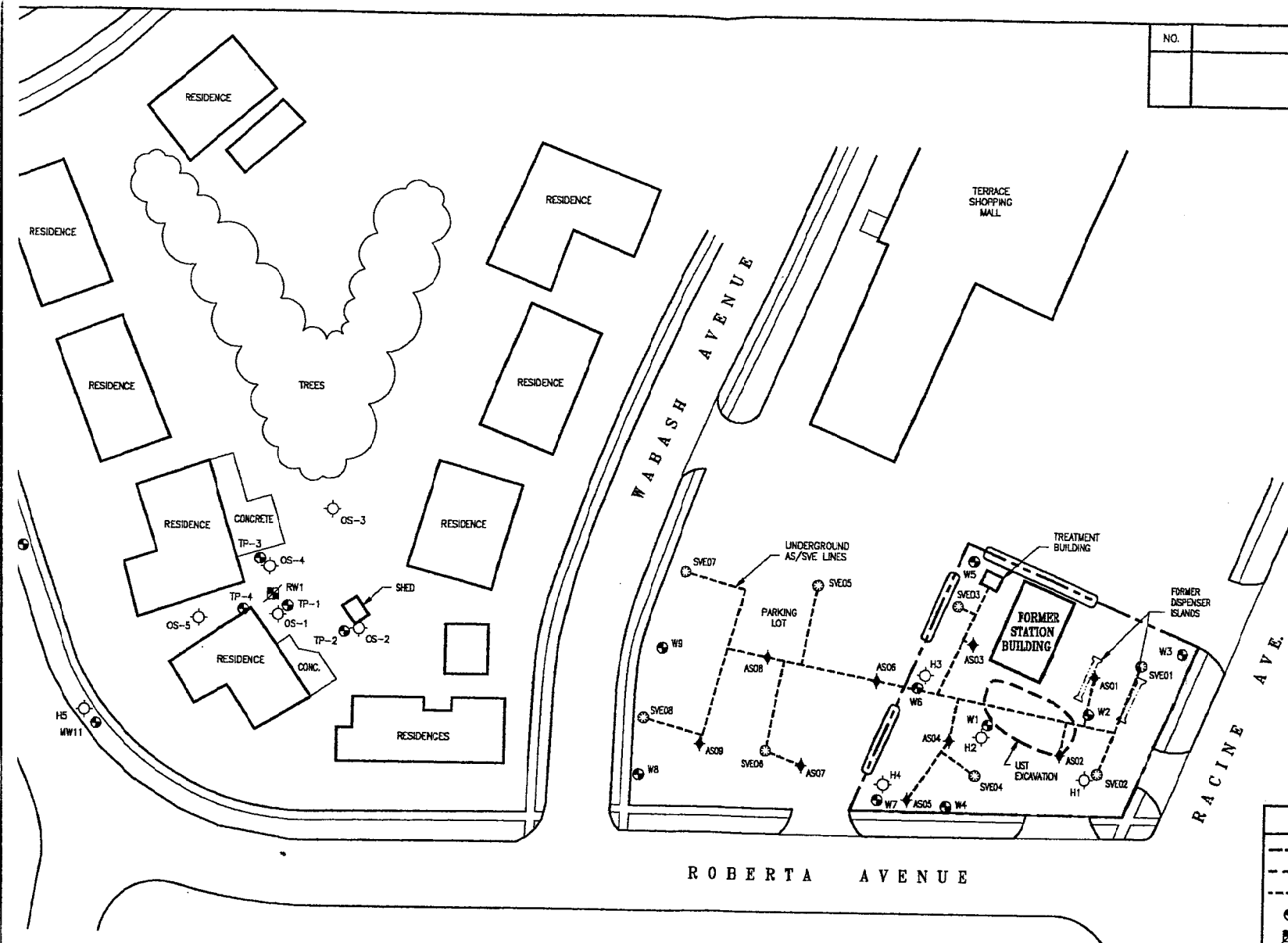




TABLE 2

## GROUNDWATER LABORATORY ANALYTICAL RESULTS

FORMER MOBIL SERVICE STATION 05-MWO  
1441 RACINE AVENUE  
WAUKESHA, WISCONSIN

Well Number	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Total Trimethyl-benzene	n-Butyl-benzene (ug/L)	sec-Butyl-benzene (ug/L)	tert-Butyl-benzene (ug/L)	propyl-ether (ug/L)	Iso-propyl-benzene (ug/L)	p-Iso-propyl toluene (ug/L)	Naphthalene (ug/L)	n-Propyl benzene (ug/L)	Lead (ug/L)
W-1	04/21/1988	>500	1610.0	1880.0	5730.0	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	05/22/1989	189.0	930.0	968.0	3460.0	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	5/22/89 Dup	187.0	930.0	986.0	3460.0	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	07/19/1989	>250	766.0	1130.0	3500.0	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	03/21/1991	<0.20	176.0	610.0	1190.0	43.7	<0.60	----	----	----	----	----	----	----	----	----
	08/27/1992	4.4	98.0	480.0	1270.0	50.0	292.0	240.0	17.0	<1.0	47.0	25.0	21.0	210.0	160.0	<3
	8/27/92 Dup	5.7	99.0	480.0	370.0	39.0	271.0	220.0	16.0	<1.0	33.0	31.0	16.0	150.0	150.0	<3
	11/30/1992	<0.20	92.0	420.0	1140.0	<0.20	1300.0	180.0	30.0	<1.0	48.0	<1.0	<1.0	130.0	160.0	----
	02/09/1993	4.7	85.0	360.0	1040.0	28.0	260.0	200.0	20.0	<1.0	<1.0	42.0	<1.0	130.0	95.0	----
	05/12/1993	8.0	45.0	180.0	930.0	50.0	1200.0	300.0	7.0	<1.0	11.0	22.0	<1.0	220.0	75.0	----
	08/23/1994	<0.20	24.0	200.0	350.0	<0.20	930.0	160.0	14.0	190.0	10.0	24.0	<1.0	80.0	100.0	----
	11/28/1994	<100	<100	510.0	1440.0	<100	1590.0	420.0	<1.0	390.0	<1.0	<1.0	<1.0	230.0	210.0	----
	02/01/1995	1.0	53.0	430.0	1080.0	62.0	1150.0	----	----	----	----	----	----	----	----	----
	05/19/1995	13.0	37.0	340.0	860.0	<0.20	1090.0	----	----	----	----	----	----	----	----	----
	12/04/1996	42.0	19.0	490.0	1111.0	<7.5	1099.0	----	----	----	----	----	----	----	----	----
	03/03/1997	<2	13.0	290.0	630.0	42.0	680.0	----	----	----	----	----	----	----	----	----
	06/03/1997	<2	13.0	310.0	483.0	<3	870.0	----	----	----	----	----	----	----	----	----
	09/04/1997	<4	12.0	360.0	660.0	<4	774.0	----	----	----	----	----	----	----	----	----
	11/18/1997	<2.0	12.0	380.0	660.0	27.0	942.0	----	----	----	----	----	----	----	----	----
	02/23/1998	<5.0	20.0	400.0	640r	35.0	690 m	----	----	----	----	----	----	----	----	----
	04/21/1998	<2.0	6.0e	380.0	630.0	27c	667.0	----	----	----	----	----	----	----	----	----
	09/16/1998	<1.3	4.4	230.0	300.0	<5.1	380.0	----	----	----	----	----	----	----	----	----
	11/23/1998	<2.7	3.9	150.0	180.0	<6.2	277.3	----	----	----	----	----	----	----	----	----
	03/08/1999	13.0	3.8	220.0	340.0	<3.4	377.0	----	----	----	----	----	----	----	----	----
	05/10/1999	0.67	2.8	110.0	190.0	11.0	210.0	----	----	----	----	----	----	----	----	----
	12/02/1999	<1.3	8.2	300.0	530.0	<1.6	528.0	----	----	----	----	----	----	70.0	----	----
	12/02/99 Dup	<1.3	7.50	300.0	540.00	<1.6	521.0	----	----	----	----	----	----	----	----	----
NR 140.10 Standards																
ES		5.0	1000.0	700.0	10000.0	60.0	480.0							40.0		15.0
PAL		0.5	200.0	140.0	1000.0	12.0	96.0							8.0		1.5
Notes:																
1) ES = Enforcement Standard, Chapter NR140.10, Wis. Adm. Code.																
2) PAL = Preventive Action Limit, Chapter NR 140.10, Wis. Adm. Code.																
3) (1) = Suspected laboratory background contamination with Methylene chloride at concentration of 310 ug/L.																
4) m = concentration exceeds matrix spike analysis.																
5) All results are reported in ug/L or ppb.																
6) ---- Not analyzed																
7) e = Estimated value, concentration was less than the Limit of Quantification																
8) r = Compound exceeded limits for relative percent difference between duplicate method spikes (>20%).																
9) c = Estimated value, exceeded criteria for percent difference on calibration check standard (>15%).																

TABLE 2

## GROUNDWATER LABORATORY ANALYTICAL RESULTS

FORMER MOBIL SERVICE STATION 05-MWO  
1441 RACINE AVENUE  
WAUKESHA, WISCONSIN

Well Number	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Total Trimethyl-benzene	n-Butyl-benzene (ug/L)	sec-Butyl-benzene (ug/L)	tert-Butyl-benzene (ug/L)	propyl-ether (ug/L)	Iso-propyl-benzene (ug/L)	p-Iso-propyl toluene (ug/L)	Naphthalene (ug/L)	n-Propyl benzene (ug/L)	Lead (ug/L)
W-2	04/21/1988	<50	<50	105.0	329.0	----	----	----	----	----	----	----	----	----	----	----
	05/22/1989	<b>65.0</b>	21.0	59.6	288.0	----	----	----	----	----	----	----	----	----	----	----
	05/10/1999	<0.13	0.35	2.3	1.2	<0.16	<0.51	----	----	----	----	----	----	----	----	----
W-3	04/21/1988	<0.20	<0.20	<0.30	<0.60	----	----	----	----	----	----	----	----	----	----	----
	05/22/1989	<0.20	<0.20	<0.30	<0.60	----	----	----	----	----	----	----	----	----	----	----
	07/19/1989	<0.20	<0.20	<0.30	<0.60	----	----	----	----	----	----	----	----	----	----	----
	03/21/1991	<0.20	<0.20	<0.30	<0.60	----	<0.60	----	----	----	----	----	----	----	----	----
	08/27/1992	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	<1.0	<1.1	<1.2	<1.3	<1.4	<1.5	<1.6	<1.7	<3.0
	11/30/1992	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	02/09/1993	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	05/02/1993	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	08/23/1994	<0.20	<0.20	<0.30	<0.60	<0.20	3.8	----	----	----	----	----	----	----	----	----
	11/28/1994	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	02/01/1995	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	05/19/1995	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	12/04/1996	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	03/03/1997	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	06/03/1997	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	04/21/1998	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	09/16/1998	<0.13	<0.20	<0.22	<0.23	<0.16	<0.60	----	----	----	----	----	----	----	----	----
	11/23/1998	<0.13	<0.20	<0.22	<0.23	<0.16	<0.60	----	----	----	----	----	----	----	----	----
	03/08/1999	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51	----	----	----	----	----	----	----	----	----
	05/10/1999	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51	----	----	----	----	----	----	----	----	----
NR 140.10 Standards																
ES		<b>5.0</b>	<b>1000.0</b>	<b>700.0</b>	<b>10000.0</b>	<b>60.0</b>	<b>480.0</b>							<b>40.0</b>		<b>15.0</b>
PAL		<b>0.5</b>	<b>200.0</b>	<b>140.0</b>	<b>1000.0</b>	<b>12.0</b>	<b>96.0</b>							<b>8.0</b>		<b>1.5</b>
Notes:																
1) ES = Enforcement Standard, Chapter NR140.10, Wis. Adm. Code. 2) PAL = Preventive Action Limit, Chapter NR 140.10, Wis. Adm. Code. 3) (1) = Suspected laboratory background contamination with Methylene chloride at concentration of 310 ug/L. 4) m = concentration exceeds matrix spike analysis. 5) All results are reported in ug/L or ppb. 6) ---- Not analyzed 7) e = Estimated value, concentration was less than the Limit of Quantification 8) r = Compound exceeded limits for relative percent difference between duplicate method spikes (>20%). 9) c = Estimated value, exceeded criteria for percent difference on calibration check standard (>15%).																

TABLE 2

## GROUNDWATER LABORATORY ANALYTICAL RESULTS

FORMER MOBIL SERVICE STATION 05-MWO  
1441 RACINE AVENUE  
WAUKESHA, WISCONSIN

Well Number	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Total Trimethyl-benzene	n-Butyl-benzene (ug/L)	sec-Butyl-benzene (ug/L)	tert-Butyl-benzene (ug/L)	propyl-ether (ug/L)	Iso-propyl-benzene (ug/L)	p-Iso-propyl-toluene (ug/L)	Naphthalene (ug/L)	n-Propyl benzene (ug/L)	Lead (ug/L)
W-4	04/21/1988	<0.20	4.3	9.5	8.1 (1)	---	---	---	---	---	---	---	---	---	---	---
	05/22/1988	<0.20	<20	127.0	124 (1)	---	---	---	---	---	---	---	---	---	---	---
	07/19/1989	<0.20	4.7	113.0	58.6 (1)	---	---	---	---	---	---	---	---	---	---	---
	08/31/1989	17.6	6.4	106.0	50.5 (1)	---	---	---	---	---	---	---	---	---	---	---
	03/21/1991	2.1	<0.20	40.1	109 (1)	<0.20	---	---	---	---	---	---	---	---	---	---
	08/27/1992	<0.20	<0.20	12.0	7.7	<0.20	16.0	<1.0	<1.0	<1.0	2.8	2.2	<1.0	4.8	6.3	<3.0
	11/30/1992	1.7	<0.20	43.0	33.0	4.4	76.0	---	---	---	---	---	---	---	---	---
	02/09/1993	1.6	<0.20	47.0	35.9	2.6	98.0	---	---	---	---	---	---	---	---	---
	2/9/93 Dup	<0.20	<0.20	45.0	33.6	2.0	111.0	---	---	---	---	---	---	---	---	---
	05/12/1993	<0.20	<0.20	34.0	31.2	11.0	100.0	---	---	---	---	---	---	---	---	---
	08/23/1994	<0.20	<0.20	25.0	34.1	6.0	51.2	---	---	---	---	---	---	---	---	---
	11/28/1994	<0.20	<0.20	47.0	58.0	<0.20	78.0	---	---	---	---	---	---	---	---	---
	02/01/1995	<0.20	<0.20	36.0	49.4	13.0	66.0	---	---	---	---	---	---	---	---	---
	05/19/1995	<0.20	<0.20	33.0	38.3	<0.20	77.5	---	---	---	---	---	---	---	---	---
	12/04/1996	<0.20	<0.20	1.1	<0.90	<0.20	0.5	---	---	---	---	---	---	---	---	---
	03/03/1997	<0.20	<0.20	12.0	6.5	4.7	17.0	---	---	---	---	---	---	---	---	---
	06/03/1997	<0.20	<0.20	2.4	1.3	<0.20	5.6	---	---	---	---	---	---	---	---	---
	09/04/1997	<0.20	0.3	10.0	1.2	<0.2	13.0	---	---	---	---	---	---	---	---	---
	11/18/1997	<0.20	<0.20	11.0	1.0	2.2	10.6	---	---	---	---	---	---	---	---	---
	02/23/1998	<0.20	0.3e	3.7	<0.90	1.3	2.2	---	---	---	---	---	---	---	---	---
	04/21/1998	<0.20	<0.20	4.5	<0.90	1.6c	3.4	---	---	---	---	---	---	---	---	---
	09/16/1998	<0.13	<0.20	3.1	0.3	<0.16	0.9	---	---	---	---	---	---	---	---	---
	9/16/98 Dup	<0.13	<0.20	3.2	0.3	<0.16	1.0	---	---	---	---	---	---	---	---	---
	11/23/1998	<0.13	<0.20	0.9	<0.23	<0.16	0.3	---	---	---	---	---	---	---	---	---
	11/23/98 Dup	<0.13	<0.20	0.9	<0.23	<0.16	0.3	---	---	---	---	---	---	---	---	---
	03/08/1999	<0.13	<0.20	3.0	0.23	<0.16	<1.59	---	---	---	---	---	---	---	---	---
	3/8/99 Dup	<0.13	<0.20	2.9	<0.23	<0.16	<1.59	---	---	---	---	---	---	---	---	---
	05/10/1999	<0.13	0.30	8.9	0.76	5.1	<4.19	---	---	---	---	---	---	---	---	---
	5/10/99 Dup	<0.13	0.29	9.2	0.75	4.6	<4.49	---	---	---	---	---	---	---	---	---
	12/02/1999	<0.13	0.29	4.8	1.00	<0.16	3.7	---	---	---	---	---	---	<1.1	---	---
NR 140.10 Standards																
ES		5.0	1000.0	700.0	10000.0	60.0	480.0							40.0		15.0
PAL		0.5	200.0	140.0	1000.0	12.0	96.0							8.0		1.5
Notes:																
1) ES = Enforcement Standard, Chapter NR140.10, Wis. Adm. Code.																
2) PAL = Preventive Action Limit, Chapter NR 140.10, Wis. Adm. Code.																
3) (1) = Suspected laboratory background contamination with Methylene chloride at concentration of 310 ug/L.																
4) m = concentration exceeds matrix spike analysis.																
5) All results are reported in ug/L or ppb.																
6) --- Not analyzed																
7) e = Estimated value, concentration was less than the Limit of Quantification																
8) r = Compound exceeded limits for relative percent difference between duplicate method spikes (>20%).																
9) c = Estimated value, exceeded criteria for percent difference on calibration check standard (>15%).																

TABLE 2

## GROUNDWATER LABORATORY ANALYTICAL RESULTS

FORMER MOBIL SERVICE STATION 05-MWO  
1441 RACINE AVENUE  
WAUKESHA, WISCONSIN

Well Number	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Total Trimethyl-benzene	n-Butyl-benzene (ug/L)	sec-Butyl-benzene (ug/L)	tert-Butyl-benzene (ug/L)	propyl-ether (ug/L)	Iso-propyl-benzene (ug/L)	p-Iso-propyl toluene (ug/L)	Naphthalene (ug/L)	n-Propyl benzene (ug/L)	Lead (ug/L)
W5	07/19/1988	<0.20	<0.20	1.2	<0.60	----	----	----	----	----	----	----	----	----	----	----
	08/31/1989	1.3	<0.20	<0.30	<0.60	----	----	----	----	----	----	----	----	----	----	----
	03/21/1991	<0.20	<0.20	<0.30	<0.60	<0.20	----	----	----	----	----	----	----	----	----	----
	08/27/1992	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	<1.0	<1.1	<1.2	<1.3	<1.4	<1.5	<1.6	<1.7	<3.0
	11/30/1992	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	02/09/1993	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	05/12/1993	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	08/23/1994	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	11/28/1994	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	02/01/1995	2.0	0.9	0.6	2.3	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	05/19/1995	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	12/04/1996	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	03/03/1997	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	06/03/1997	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	05/10/1999	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51	----	----	----	----	----	----	----	----	----
W6	07/19/1988	<0.20	19.3	41.9	190.0	----	----	----	----	----	----	----	----	----	----	----
	08/31/1989	9.9	2.7	17.7	32.9	----	----	----	----	----	----	----	----	----	----	----
	03/21/1991	<0.20	1.1	1.5	<0.60	<0.20	----	----	----	----	----	----	----	----	----	----
	3/21/91 Dup	<0.20	1.2	1.5	<0.60	<0.20	----	----	----	----	----	----	----	----	----	----
	08/27/1992	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	<1.0	<1.0	----	<1.0	<1.0	<1.1	<1.2	<1.3	<3.0
	11/30/1992	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	02/09/1993	<0.20	<0.20	<0.30	<0.60	<0.20	3.0	----	----	----	----	----	----	----	----	----
	05/12/1993	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	08/23/1994	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	11/28/1994	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	02/01/1995	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	05/19/1995	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	12/04/1996	0.6	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	03/03/1997	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	06/03/1997	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
05/10/1999	<0.13	0.54	1.4	4.5	<0.16	<0.51	----	----	----	----	----	----	----	----	----	
NR 140.10 Standards																
ES		5.0	1000.0	700.0	10000.0	60.0	480.0							40.0		15.0
PAL		0.5	200.0	140.0	1000.0	12.0	96.0							8.0		1.5
Notes:																
1) ES = Enforcement Standard,Chapter NR140.10, Wis. Adm. Code. 2) PAL = Preventive Action Limit, Chapter NR 140.10, Wis. Adm. Code. 3) (1) = Suspected laboratory background contamination with Methylene chloride at concentration of 310 ug/L. 4) m = concentration exceeds matrix spike analysis. 5) All results are reported in ug/L or ppb. 6) ---- Not analyzed 7) e = Estimated value, concentration was less than the Limit of Quantification 8) r = Compound exceeded limits for relative percent difference between duplicate method spikes (>20%). 9) c = Estimated value, exceeded criteria for percent difference on calibration check standard (>15%).																

TABLE 2

## GROUNDWATER LABORATORY ANALYTICAL RESULTS

FORMER MOBIL SERVICE STATION 05-MWO  
1441 RACINE AVENUE  
WAUKESHA, WISCONSIN

Well Number	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Total Trimethyl-benzene	n-Butyl-benzene (ug/L)	sec-Butyl-benzene (ug/L)	tert-Butyl-benzene (ug/L)	propyl-ether (ug/L)	Iso-propyl-benzene (ug/L)	p-Iso-propyl toluene (ug/L)	Naphthalene (ug/L)	n-Propyl benzene (ug/L)	Lead (ug/L)
W-7	07/19/1989	<0.20	<0.20	39.1	38.9	---	---	---	---	---	---	---	---	---	---	---
	7/19/89 Dup	<0.20	<0.20	25.4	18.5	---	---	---	---	---	---	---	---	---	---	---
	08/31/1989	<0.20	<0.20	6.1	10.0	---	---	---	---	---	---	---	---	---	---	---
	03/21/1991	10.6	<0.20	30.3	18.0	2.8	---	---	---	---	---	---	---	---	---	---
	08/27/1992	<0.20	2.7	3.5	4.6	2.5	51.3	26.0	7.7	<1.0	8.9	3.5	<1.0	5.3	8.1	<3.0
	11/30/1992	2.5	2.7	3.9	6.5	23.0	49.0	---	---	---	---	---	---	---	---	---
	05/12/1993	<0.20	<0.20	<0.30	<0.60	<0.20	41.0	---	---	---	---	---	---	---	---	---
	08/23/1994	<0.20	<0.20	<0.30	<0.60	28.0	94.0	---	---	---	---	---	---	---	---	---
	11/28/1994	<0.20	3.7	2.8	1.8	<0.20	55.3	---	---	---	---	---	---	---	---	---
	02/01/1995	<0.20	1.4	3.4	<0.60	21.0	73.0	---	---	---	---	---	---	---	---	---
	05/19/1995	<0.20	<0.20	<0.30	<0.60	<0.20	54.0	---	---	---	---	---	---	---	---	---
	06/03/1997	<0.20	2.5	1.1	0.5	<0.20	76.0	---	---	---	---	---	---	---	---	---
	09/04/1997	<0.20	2.5	0.7	<0.60	<0.20	43.6	---	---	---	---	---	---	---	---	---
	11/18/1997	<0.20	2.3	0.7	<0.90	3.8	50.7	---	---	---	---	---	---	---	---	---
	02/23/1998	<0.20	0.3e	1.0	0.6e,r	5.7	29.8 m,e	---	---	---	---	---	---	---	---	---
	04/21/1998	<0.20	0.5e	<0.30	<0.9	2.4c	31.2	---	---	---	---	---	---	---	---	---
	09/16/1998	<0.13	<0.20	<0.22	<0.23	<0.16	2.8	---	---	---	---	---	---	---	---	---
	11/23/1998	<0.13	<0.20	<0.22	<0.23	<0.16	2.2	---	---	---	---	---	---	---	---	---
	03/08/1999	<0.13	<0.20	<0.22	<0.23	<0.16	<3.69	---	---	---	---	---	---	---	---	---
	05/10/1999	<0.13	<0.20	<0.22	<0.23	2.4	<4.89	---	---	---	---	---	---	---	---	---
NR 140.10 Standards																
ES		5.0	1000.0	700.0	10000.0	60.0	480.0							40.0		15.0
PAL		0.5	200.0	140.0	1000.0	12.0	96.0							8.0		1.5
Notes:																
1) ES = Enforcement Standard, Chapter NR140.10, Wis. Adm. Code. 2) PAL = Preventive Action Limit, Chapter NR 140.10, Wis. Adm. Code. 3) (1) = Suspected laboratory background contamination with Methylene chloride at concentration of 310 ug/L. 4) m = concentration exceeds matrix spike analysis. 5) All results are reported in ug/L or ppb. 6) --- Not analyzed 7) e = Estimated value, concentration was less than the Limit of Quantification 8) r = Compound exceeded limits for relative percent difference between duplicate method spikes (>20%). 9) c = Estimated value, exceeded criteria for percent difference on calibration check standard (>15%).																

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## GROUNDWATER LABORATORY ANALYTICAL RESULTS

FORMER MOBIL SERVICE STATION 05-MWO  
1441 RACINE AVENUE  
WAUKESHA, WISCONSIN

Well Number	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Total Trimethyl-benzene	n-Butyl-benzene (ug/L)	sec-Butyl-benzene (ug/L)	tert-Butyl-benzene (ug/L)	propyl-ether (ug/L)	Iso-propyl-benzene (ug/L)	p-Iso-propyl toluene (ug/L)	Naphthalene (ug/L)	n-Propyl benzene (ug/L)	Lead (ug/L)
W-8	03/21/1991	8.2	<0.20	<0.30	<0.60	2.9	---	---	---	---	---	---	---	---	---	---
	08/27/1992	<0.20	1.8	<0.30	<0.60	<0.20	<0.60	14.0	8.8	<1.0	12.0	<1.0	<1.0	<1.0	<1.0	<3.0
	11/30/1992	<0.20	1.2	<0.30	<0.60	6.3	<0.60	---	---	---	---	---	---	---	---	---
	11/30/92 Dup	<0.20	1.2	<0.30	<0.60	5.4	<0.60	---	---	---	---	---	---	---	---	---
	02/09/1993	11.0	1.0	<0.30	<0.60	3.4	2.6	---	---	---	---	---	---	---	---	---
	05/12/1993	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	---	---	---	---	---	---	---	---	---
	08/23/1994	<0.20	<0.20	<0.30	<0.60	4.2	<0.60	---	---	---	---	---	---	---	---	---
	11/28/1994	<0.20	1.7	<0.30	<0.60	<0.20	<0.60	---	---	---	---	---	---	---	---	---
	02/01/1995	0.2	1.1	<0.30	<0.60	6.1	1.2	---	---	---	---	---	---	---	---	---
	2/1/95 Dup	<0.20	<0.20	<0.30	<0.60	5.6	<0.60	---	---	---	---	---	---	---	---	---
	05/19/1995	<0.20	0.9	<0.30	<0.60	<0.20	<0.60	---	---	---	---	---	---	---	---	---
	5/19/95 Dup	<0.20	1.1	0.2	<0.60	<0.20	<0.60	---	---	---	---	---	---	---	---	---
	12/04/1996	24.0	0.9	0.6	0.6	<0.20	<0.60	---	---	---	---	---	---	---	---	---
	03/03/1997	<0.20	1.9	1.5	1.7	2.9	<0.60	---	---	---	---	---	---	---	---	---
	3/3/97 Dup	<0.20	1.9	1.4	1.4	3.2	<0.60	---	---	---	---	---	---	---	---	---
	06/03/1997	<0.20	2.0	<0.30	<0.60	<0.20	<0.60	---	---	---	---	---	---	---	---	---
	09/04/1997	<0.20	3.0	<0.30	<0.60	<0.20	0.4	---	---	---	---	---	---	---	---	---
	11/18/1997	<0.20	1.9	<0.30	<0.90	1.1	0.5	---	---	---	---	---	---	---	---	---
	02/23/1998	<0.20	0.6e	<0.30	<0.90	0.7	<0.60	---	---	---	---	---	---	---	---	---
	04/21/1998	<0.20	1.1	<0.30	<0.90	<0.20	1.6	---	---	---	---	---	---	---	---	---
	09/16/1998	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51	---	---	---	---	---	---	---	---	---
	11/23/1998	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51	---	---	---	---	---	---	---	---	---
	03/08/1999	0.28	<0.20	0.25	0.51	<0.16	<0.51	---	---	---	---	---	---	---	---	---
	05/10/1999	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51	---	---	---	---	---	---	---	---	---
NR 140.10 Standards																
ES		5.0	1000.0	700.0	10000.0	60.0	480.0							40.0		15.0
PAL		0.5	200.0	140.0	1000.0	12.0	96.0							8.0		1.5
Notes:																
1) ES = Enforcement Standard, Chapter NR140.10, Wis. Adm. Code. 2) PAL = Preventive Action Limit, Chapter NR 140.10, Wis. Adm. Code. 3) (1) = Suspected laboratory background contamination with Methylene chloride at concentration of 310 ug/L. 4) m = concentration exceeds matrix spike analysis. 5) All results are reported in ug/L or ppb. 6) --- Not analyzed 7) e = Estimated value, concentration was less than the Limit of Quantification 8) r = Compound exceeded limits for relative percent difference between duplicate method spikes (>20%). 9) c = Estimated value, exceeded criteria for percent difference on calibration check standard (>15%).																

TABLE 2

## GROUNDWATER LABORATORY ANALYTICAL RESULTS

FORMER MOBIL SERVICE STATION 05-MWO  
1441 RACINE AVENUE  
WAUKESHA, WISCONSIN

Well Number	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Total Trimethyl-benzene	n-Butyl-benzene (ug/L)	sec-Butyl-benzene (ug/L)	tert-Butyl-benzene (ug/L)	propyl-ether (ug/L)	Iso-propyl-benzene (ug/L)	p-Iso-propyl toluene (ug/L)	Naphthalene (ug/L)	n-Propyl benzene (ug/L)	Lead (ug/L)
W-9	03/21/1991	44.7	90.60	904.0	1620.0	40.5	---	---	---	---	---	---	---	---	---	---
	08/27/1992	10.0	20.00	180.0	357.0	9.7	33.8	9.0	2.6	<1.0	6.4	9.0	<1.0	54 (A)	23.0	6.0
	11/30/1992	9.2	23.00	210.0	328.0	8.5	332.0	---	---	---	---	---	---	---	---	---
	02/09/1993	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	---	---	---	---	---	---	---	---	---
	05/12/1993	2.0	16.00	190.0	204.0	30.0	305.0	---	---	---	---	---	---	---	---	---
	5/12/93 Dup	2.3	23.00	180.0	190.0	16.0	305.0	---	---	---	---	---	---	---	---	---
	08/23/1994	2.2	6.30	97.0	75.0	8.5	151.8	---	---	---	---	---	---	---	---	---
	8/23/94 Dup	1.9	5.40	87.0	68.0	8.0	131.8	---	---	---	---	---	---	---	---	---
	11/28/1994	3.2	5.80	90.0	68.0	<0.20	131.5	---	---	---	---	---	---	---	---	---
	11/28/94 Dup	3.0	5.50	84.0	63.0	<0.20	140.0	---	---	---	---	---	---	---	---	---
	02/01/1995	1.0	1.90	110.0	65.0	5.0	180.0	---	---	---	---	---	---	---	---	---
	05/19/1995	<0.20	<0.20	110.0	54.7	<0.20	230.0	---	---	---	---	---	---	---	---	---
	12/04/1996	2.7	0.40	21.0	1.8	<0.20	26.0	---	---	---	---	---	---	---	---	---
	03/03/1997	6.0	23.00	950.0	239.0	120.0	1709.0	---	---	---	---	---	---	---	---	---
	06/03/1997	<0.20	0.30	27.0	<0.60	<0.20	41.0	---	---	---	---	---	---	---	---	---
	09/04/1997	1.2	2.40	72.0	5.3	<0.20	101.2	---	---	---	---	---	---	---	---	---
	11/18/1997	0.8	1.70	61.0	4.6	4.9	63.9	---	---	---	---	---	---	---	---	---
	11/18/97 Dup	0.8	1.40	55.0	3.9	4.7	59.0	---	---	---	---	---	---	---	---	---
	02/23/1998	<0.20	0.80	52.0	13.4r	14.0	80 m	---	---	---	---	---	---	---	---	---
	04/21/1998	<0.40	0.4e	54.0	9.4e	9.8c	82.8	---	---	---	---	---	---	---	---	---
	09/16/1998	<0.13	0.49	28.0	2.6	<0.26	97	---	---	---	---	---	---	---	---	---
	11/23/1998	<0.17	0.31	12.0	1.1	<0.30	49	---	---	---	---	---	---	---	---	---
	03/08/1999	<0.13	0.34	17.0	2.4	<0.16	<17.29	---	---	---	---	---	---	---	---	---
	05/10/1999	<0.13	1.20	55.0	7.3	13.0	<37.29	---	---	---	---	---	---	---	---	---
	12/02/1999	<0.13	0.77	27.0	3.4	<0.16	11.0	---	---	---	---	---	---	<1.1	---	---
NR 140.10 Standards																
ES		5.0	1000.0	700.0	10000.0	60.0	480.0							40.0		15.0
PAL		0.5	200.0	140.0	1000.0	12.0	96.0							8.0		1.5
Notes: 1) ES = Enforcement Standard, Chapter NR140.10, Wis. Adm. Code. 2) PAL = Preventive Action Limit, Chapter NR 140.10, Wis. Adm. Code. 3) (1) = Suspected laboratory background contamination with Methylene chloride at concentration of 310 ug/L. 4) m = concentration exceeds matrix spike analysis. 5) All results are reported in ug/L or ppb. 6) --- Not analyzed 7) e = Estimated value, concentration was less than the Limit of Quantification 8) r = Compound exceeded limits for relative percent difference between duplicate method spikes (>20%). 9) c = Estimated value, exceeded criteria for percent difference on calibration check standard (>15%).																

TABLE 2

## GROUNDWATER LABORATORY ANALYTICAL RESULTS

FORMER MOBIL SERVICE STATION 05-MWO  
1441 RACINE AVENUE  
WAUKESHA, WISCONSIN

Well Number	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Total Trimethyl-benzene	n-Butyl-benzene (ug/L)	sec-Butyl-benzene (ug/L)	tert-Butyl-benzene (ug/L)	propyl-ether (ug/L)	Iso-propyl-benzene (ug/L)	p-Iso-propyl toluene (ug/L)	Naphthalene (ug/L)	n-Propyl benzene (ug/L)	Lead (ug/L)
MW-10	08/23/1994	<0.20	<0.20	170.0	140.0	<0.20	1050.0	170.0	<1.0	260.0	<1.0	<1.0	<1.0	<1.0	130.0	<1.0
	11/28/1994	17.0	21.00	97.0	179.0	<0.20	690.0	---	---	---	---	---	---	---	---	---
	02/01/1995	<0.20	0.90	63.0	133.0	40.0	494.0	---	---	---	---	---	---	---	---	---
	05/19/1995	<0.20	<0.20	210.0	208.0	<0.20	438.0	---	---	---	---	---	---	---	---	---
	12/04/1996	7.6	0.40	13.0	8.8	<0.20	83.8	---	---	---	---	---	---	---	---	---
	03/03/1997	<0.20	<0.20	25.0	19.0	25.0	244.0	---	---	---	---	---	---	---	---	---
	06/03/1997	<0.20	2.00	50.0	8.0	<0.20	145.0	---	---	---	---	---	---	---	---	---
	09/04/1997	<0.20	2.60	21.0	9.9	<0.20	134.0	---	---	---	---	---	---	---	---	---
	9/4/97 Dup	<0.20	3.10	21.0	9.2	<0.20	134.0	---	---	---	---	---	---	---	---	---
	11/18/1997	0.4	0.20	1.0	2.2	1.0	20.4	---	---	---	---	---	---	---	---	---
	02/23/1998	<0.20	<0.20	2.7	1.9e,r	5.2	39.6	---	---	---	---	---	---	---	---	---
	04/21/1998	<0.20	<2.0	120.0	62.0	25c	460.0	---	---	---	---	---	---	---	---	---
	09/16/1998	0.6	<0.40	4.6	3.7	<3.0	102.6	---	---	---	---	---	---	---	---	---
	11/23/1998	<1.3	<2.0	7.3	6.1	<3.0	210.0	---	---	---	---	---	---	---	---	---
	03/08/1999	<2.6	<4.0	110.0	96.0	<3.2	335.0	---	---	---	---	---	---	---	---	---
	05/10/1999	<2.7	2.30	110.0	95.0	46.0	410.0	---	---	---	---	---	---	---	---	---
	12/02/1999	<0.13	<0.20	4.1	3.2	<0.16	124.0	---	---	---	---	---	---	5.9	---	---
MW-11	08/23/1994	1.6	3.4	95.0	32.0	<0.20	192.0	25.0	10.0	110.0	2.8	14.0	2.1	17.0	58.0	5.0
	11/28/1994	<0.20	<0.20	150.0	90.0	<0.20	244.0	---	---	---	---	---	---	---	---	---
	12/01/1995	<0.20	2.1	180.0	99.0	71.0	292.0	---	---	---	---	---	---	---	---	---
	05/19/1995	<0.20	<0.20	81.0	35.5	<0.20	240.0	---	---	---	---	---	---	---	---	---
	12/04/1996	17.0	2.1	38.0	20.6	<0.20	84.9	---	---	---	---	---	---	---	---	---
	03/03/1997	2.0	6.0	91.0	58.0	55.0	224.0	---	---	---	---	---	---	---	---	---
	06/03/1997	<0.40	4.5	43.0	17.5	<0.20	166.0	---	---	---	---	---	---	---	---	---
	09/04/1997	0.9	4.5	44.0	20.9	<0.20	178.0	---	---	---	---	---	---	---	---	---
	11/18/1997	<0.20	2.4	61.0	30.5	30.0	171.5	---	---	---	---	---	---	---	---	---
	02/23/1998	<0.40	1.8	52.0	23.6m, r	38.0	150.8 e,m	---	---	---	---	---	---	---	---	---
	2/23/98 Dup	<0.40	1.8	56.0	27.0r	40.0	160.8 e,m	---	---	---	---	---	---	---	---	---
	04/21/1998	<0.40	1.6	8.4	<1.8	19c	69.0	---	---	---	---	---	---	---	---	---
	4/21/98 Dup	1.5	2.5	9.4	2.0	22c	66.0	---	---	---	---	---	---	---	---	---
	09/16/1998	<0.65	1.3	7.3	2.5	<1.1	41.0	---	---	---	---	---	---	---	---	---
	11/23/1998	<1.7	1.9	9.7	5.0	<8.5	54.0	---	---	---	---	---	---	---	---	---
	03/08/1999	<1.2	<1.1	5.9	3.5	<2.6	<43.5	---	---	---	---	---	---	---	---	---
	05/10/1999	<0.55	1.3	3.0	1.6	27.0	18.29	---	---	---	---	---	---	---	---	---
	12/02/1999	<0.13	2.7	0.81	6.9	<0.16	29.31	---	---	---	---	---	---	6.5	---	---
NR 140.10 Standards																
ES		5.0	1000.0	700.0	10000.0	60.0	480.0							40.0		15.0
PAL		0.5	200.0	140.0	1000.0	12.0	96.0							8.0		1.5
Notes: 1) ES = Enforcement Standard, Chapter NR140.10, Wis. Adm. Code. 2) PAL = Preventive Action Limit, Chapter NR 140.10, Wis. Adm. Code. 3) (1) = Suspected laboratory background contamination with Methylene chloride at concentration of 310 ug/L. 4) m = concentration exceeds matrix spike analysis. 5) All results are reported in ug/L or ppb. 6) --- Not analyzed 7) e = Estimated value, concentration was less than the Limit of Quantification 8) r = Compound exceeded limits for relative percent difference between duplicate method spikes (>20%). 9) c = Estimated value, exceeded criteria for percent difference on calibration check standard (>15%).																

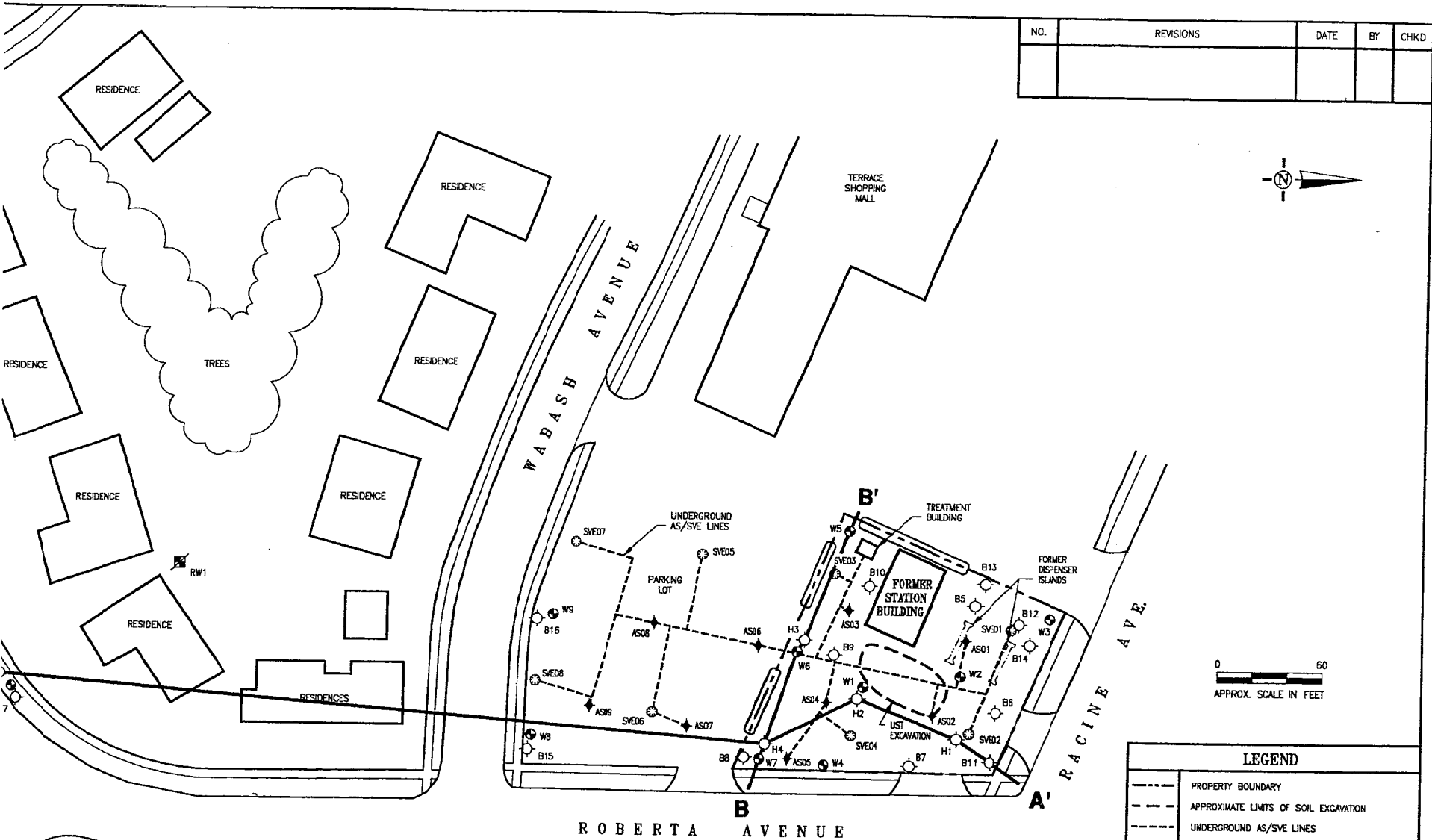


**TABLE 2**  
**GROUNDWATER LABORATORY ANALYTICAL RESULTS**

**FORMER MOBIL SERVICE STATION 05-MWO**  
**1441 RACINE AVENUE**  
**WAUKESHA, WISCONSIN**

Well Number	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Total Trimethyl-benzene	n-Butyl-benzene (ug/L)	sec-Butyl-benzene (ug/L)	tert-Butyl-benzene (ug/L)	propyl-ether (ug/L)	Iso-propyl-benzene (ug/L)	p-Iso-propyl toluene (ug/L)	Naphthalene (ug/L)	n-Propyl benzene (ug/L)	Lead (ug/L)
MW-12	08/23/1994	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/28/1994	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	02/01/1995	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	05/19/1995	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	12/04/1996	1.4	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	03/03/1997	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	06/03/1997	<0.20	0.8	0.4	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	09/04/1997	<0.20	0.4	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	11/18/1997	<0.20	0.3	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	02/23/1998	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	04/21/1998	<0.20	<0.20	<0.30	<0.60	<0.20	<0.60	----	----	----	----	----	----	----	----	----
	09/16/1998	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51	----	----	----	----	----	----	----	----	----
	11/23/1998	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51	----	----	----	----	----	----	----	----	----
	05/10/1999	0.14	<0.20	<0.22	<0.23	<0.16	<0.51	----	----	----	----	----	----	----	----	----
RW-1	09/10/1991	<b>42.0</b>	59.0	630.0	830.0	<0.20	----	----	----	----	----	----	----	----	----	----
	08/23/1994	<b>13.0</b>	18.0	280.0	193.0	<0.20	<b>824.0</b>	66.0	<1.0	250.0	13.0	30.0	<1.0	<b>55.0</b>	98.0	<1.0
NR 140.10 Standards																
ES		5.0	1000.0	700.0	10000.0	60.0	480.0							40.0		15.0
PAL		0.5	200.0	140.0	1000.0	12.0	96.0							8.0		1.5
Notes: 1) ES = Enforcement Standard, Chapter NR140.10, Wis. Adm. Code. 2) PAL = Preventive Action Limit, Chapter NR 140.10, Wis. Adm. Code. 3) (1) = Suspected laboratory background contamination with Methylene chloride at concentration of 310 ug/L. 4) m = concentration exceeds matrix spike analysis. 5) All results are reported in ug/L or ppb. 6) ---- Not analyzed 7) e = Estimated value, concentration was less than the Limit of Quantification 8) r = Compound exceeded limits for relative percent difference between duplicate method spikes (>20%). 9) c = Estimated value, exceeded criteria for percent difference on calibration check standard (>15%).																

NO.	REVISIONS	DATE	BY	CHKD



LEGEND	
---	PROPERTY BOUNDARY
- - -	APPROXIMATE LIMITS OF SOIL EXCAVATION
- - -	UNDERGROUND AS/SVE LINES
A-A'	CROSS-SECTION LOCATION
●	MONITORING WELL LOCATION
⊗	ABANDONED RECOVERY WELL LOCATION
⊙	VAPOR EXTRACTION WELL LOCATION
◆	AIR SPARGING WELL LOCATION
⊕	SOIL BORING LOCATION

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NEW BERLIN, WI 53151  
(414) 641-9011

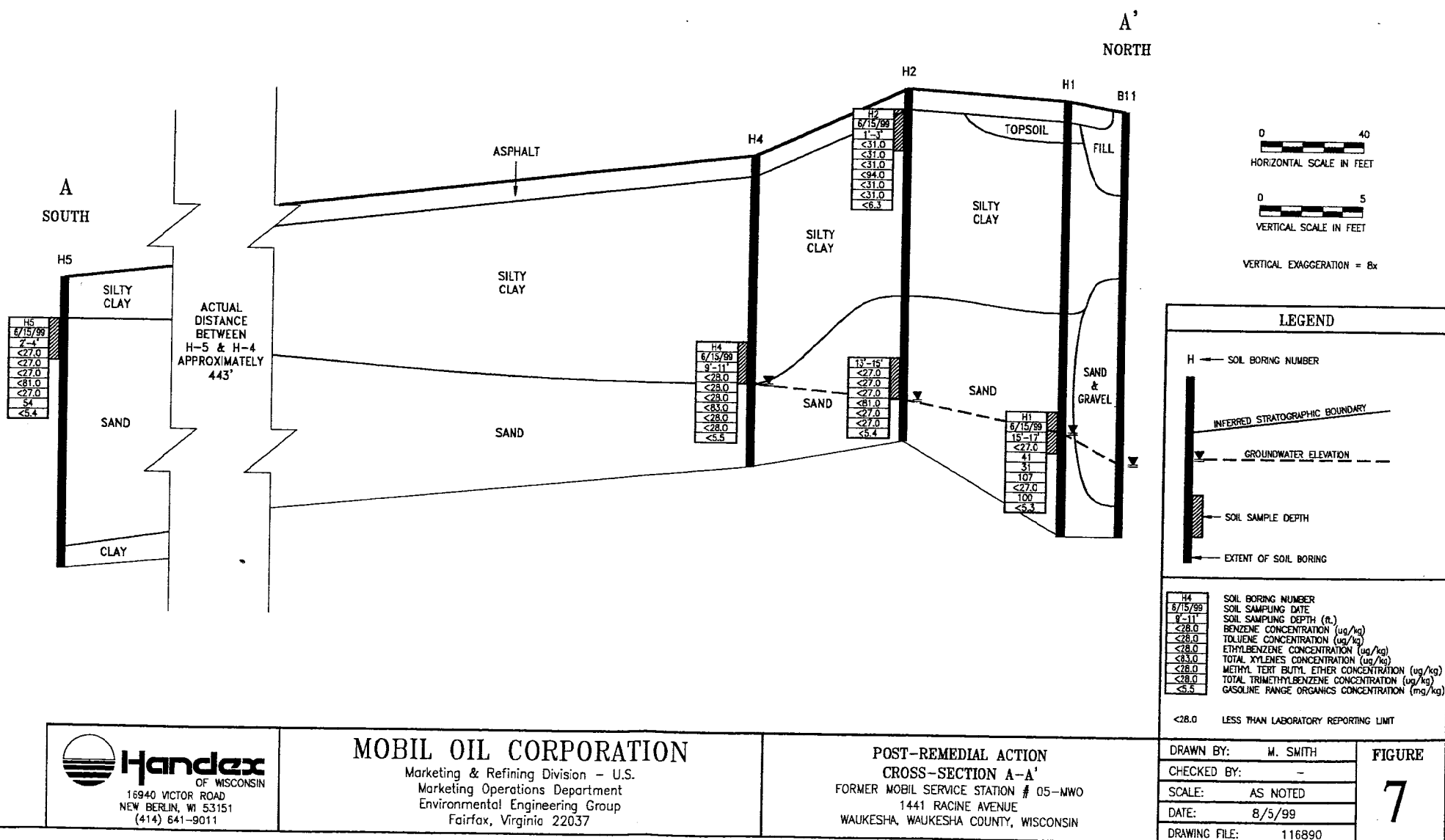
**MOBIL OIL CORPORATION**  
Marketing & Refining Division - U.S.  
Marketing Operations Department  
Environmental Engineering Group  
Fairfax, Virginia 22037

**POST-REMEDIATION ACTION  
CROSS-SECTION LOCATION MAP**  
FORMER MOBIL SERVICE STATION # 05-MWO  
1441 RACINE AVENUE  
WAUKESHA, WAUKESHA COUNTY, WISCONSIN

DRAWN BY:	M. SMITH
CHECKED BY:	-
SCALE:	1" = 60'
DATE:	8/4/99
DRAWING FILE:	116890

**FIGURE**  
**6**

NO.	REVISIONS	DATE	BY	CHKD



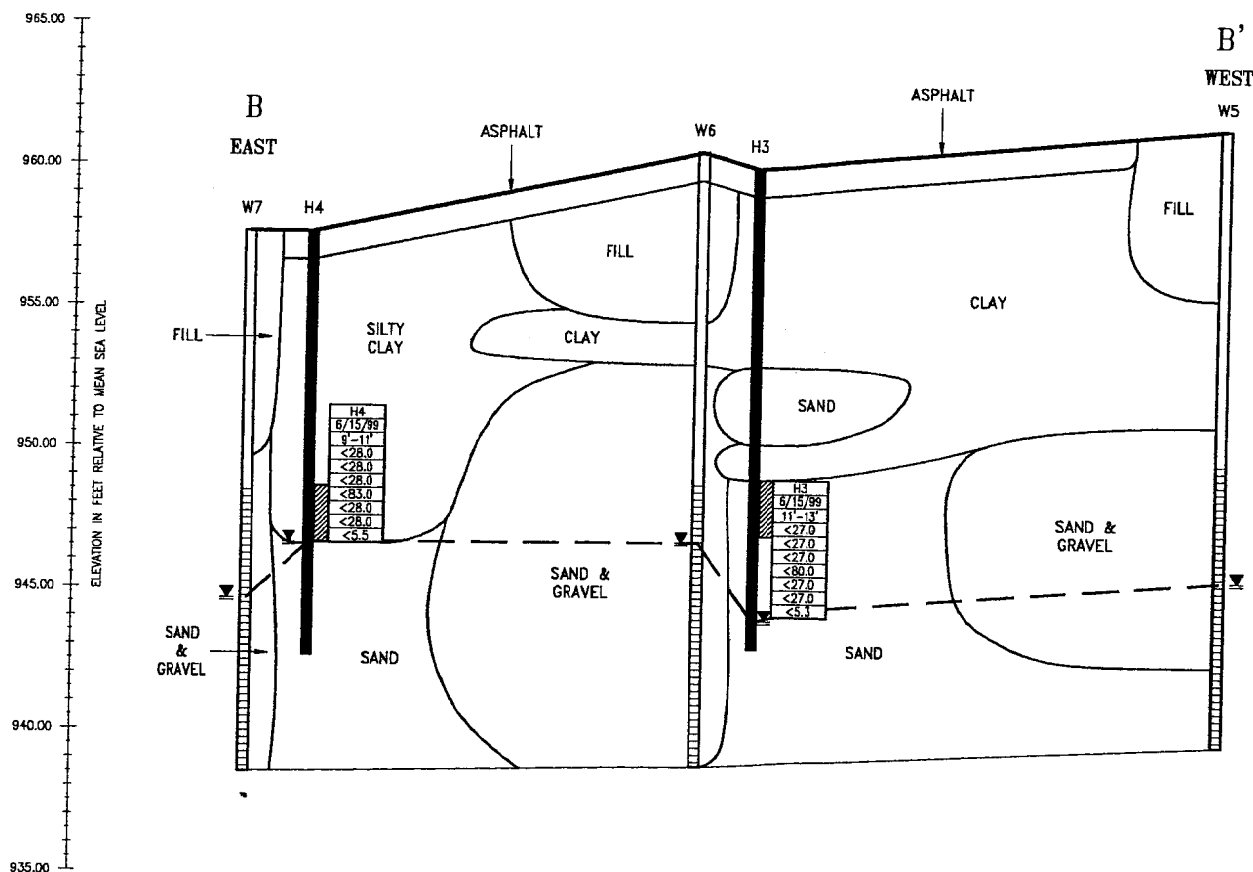
**Handlex**  
OF WISCONSIN  
16940 VICTOR ROAD  
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(414) 641-9011

## MOBIL OIL CORPORATION

Marketing & Refining Division - U.S.  
Marketing Operations Department  
Environmental Engineering Group  
Fairfax, Virginia 22037

POST-REMEDIAL ACTION  
CROSS-SECTION A-A'  
FORMER MOBIL SERVICE STATION # 05-MWO  
1441 RACINE AVENUE  
WAUKESHA, WAUKESHA COUNTY, WISCONSIN

NO.	REVISIONS	DATE	BY	CHKD



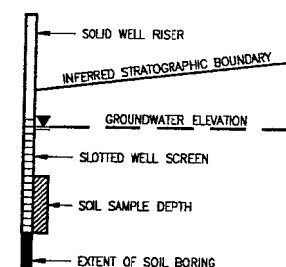
0 20  
HORIZONTAL SCALE IN FEET

0 5  
VERTICAL SCALE IN FEET

VERTICAL EXAGGERATION = 4x

#### LEGEND

B ← SOIL BORING NUMBER  
W ← MONITORING WELL NUMBER



H4	SOIL BORING NUMBER
8/15/99	SOIL SAMPLING DATE
9'-11'	SOIL SAMPLING DEPTH (ft.)
<28.0	BENZENE CONCENTRATION (ug/kg)
<28.0	TOLUENE CONCENTRATION (ug/kg)
<28.0	ETHYLBENZENE CONCENTRATION (ug/kg)
<28.0	TOTAL XYLENES CONCENTRATION (ug/kg)
<28.0	METHYL TERT BUTYL ETHER CONCENTRATION (ug/kg)
<28.0	TOTAL TRIMETHYLBENZENE CONCENTRATION (ug/kg)
<5.5	GASOLINE RANGE ORGANICS CONCENTRATION (mg/kg)

<28.0 LESS THAN LABORATORY REPORTING LIMIT



#### MOBIL OIL CORPORATION

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Environmental Engineering Group  
Fairfax, Virginia 22037

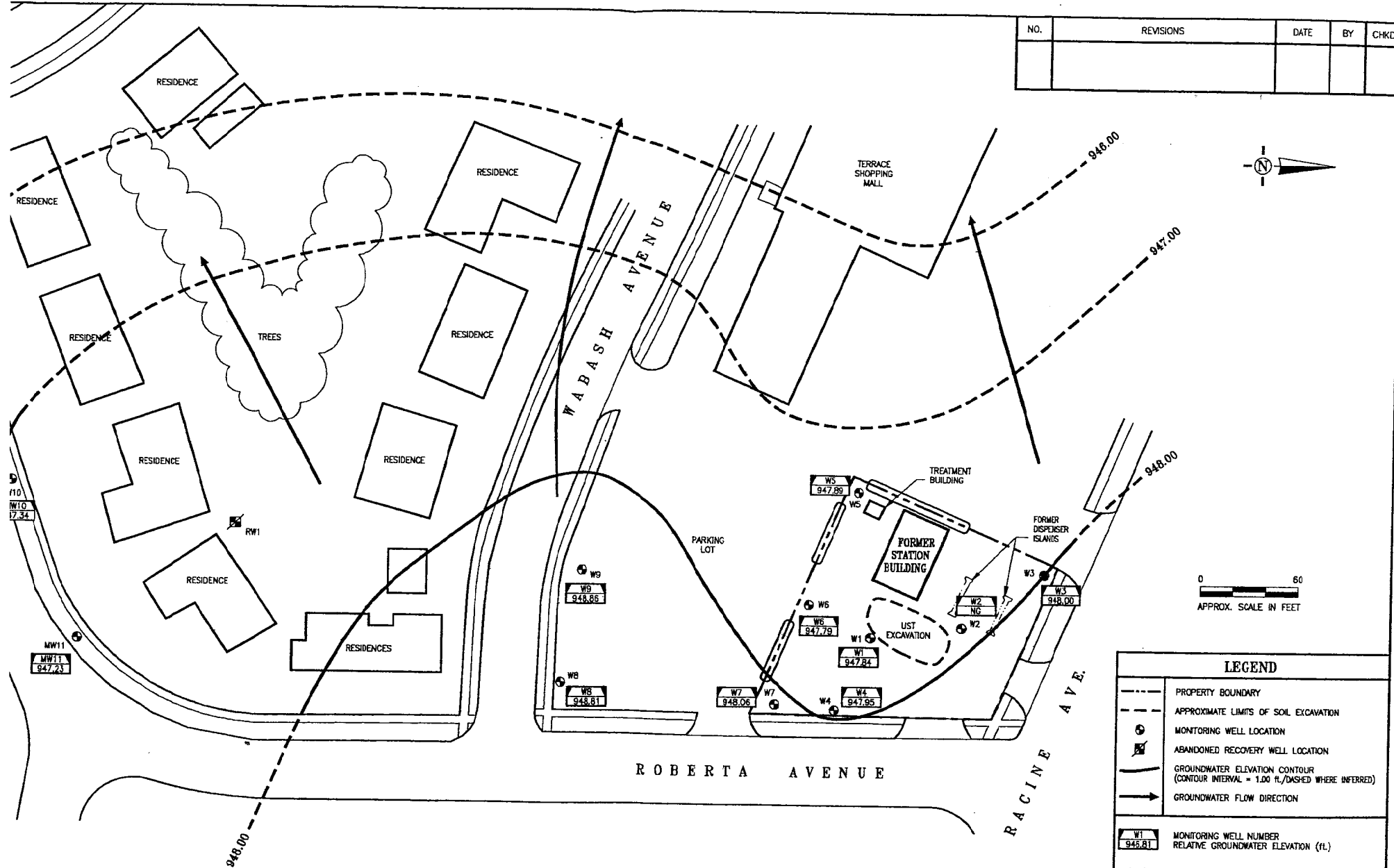
POST-REMEDIAL ACTION  
CROSS-SECTION B-B'  
FORMER MOBIL SERVICE STATION # 05-MWO  
1441 RACINE AVENUE  
WAUKESHA, WAUKESHA COUNTY, WISCONSIN

DRAWN BY: M. SMITH  
CHECKED BY: -  
SCALE: AS NOTED  
DATE: 8/9/99  
DRAWING FILE: 116890

FIGURE

8

NO.	REVISIONS	DATE	BY	CHKD



LEGEND	
	PROPERTY BOUNDARY
	APPROXIMATE LIMITS OF SOIL EXCAVATION
	MONITORING WELL LOCATION
	ABANDONED RECOVERY WELL LOCATION
	GROUNDWATER ELEVATION CONTOUR (CONTOUR INTERVAL = 1.00 FT./DASHED WHERE INFERRED)
	GROUNDWATER FLOW DIRECTION

	MONITORING WELL NUMBER RELATIVE GROUNDWATER ELEVATION (ft.)
5/10/99 NG	GROUNDWATER GAUGING DATE NOT GAUGED

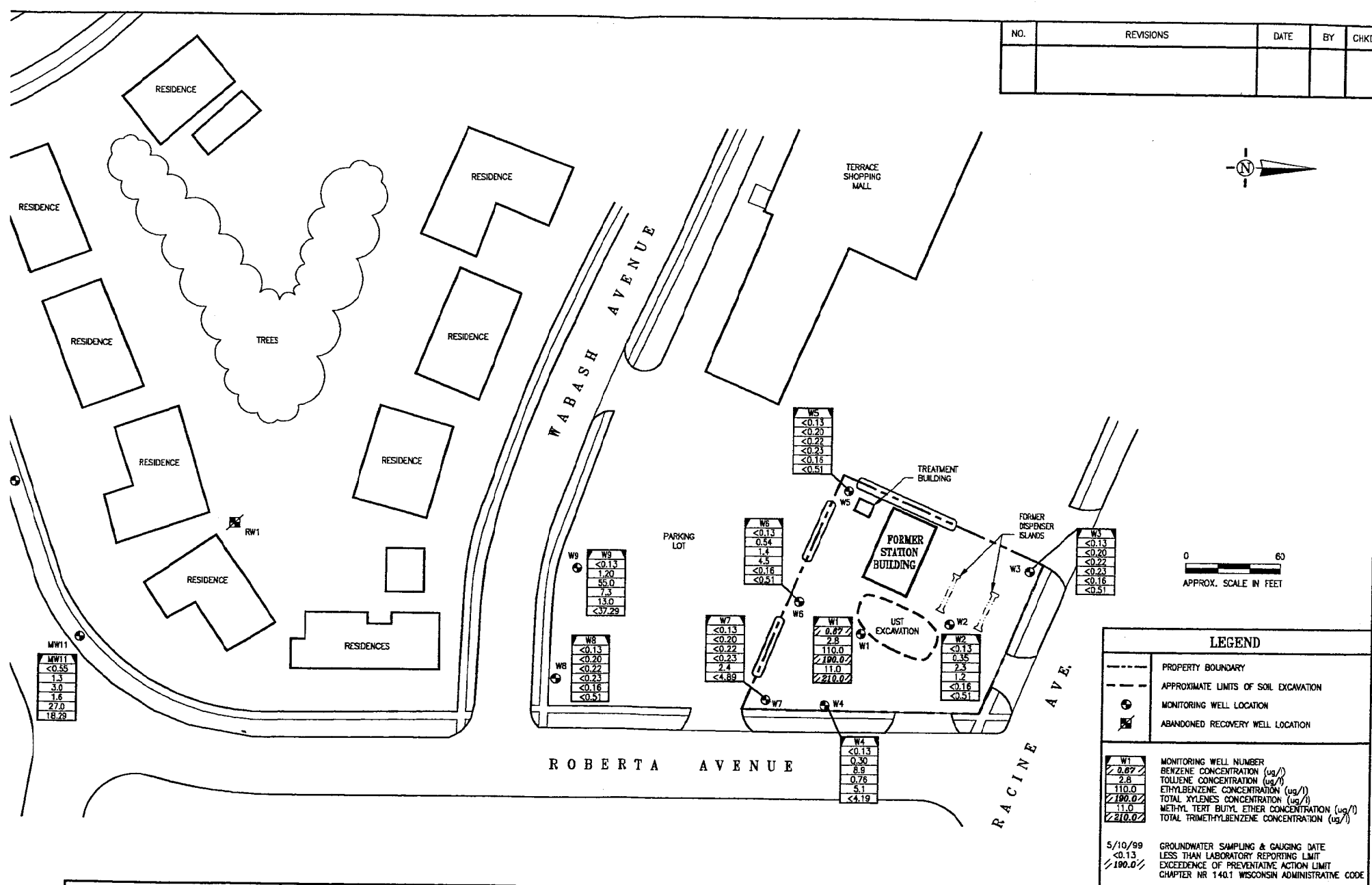
DRAWN BY:	M. SMITH	FIGURE <b>3</b>
CHECKED BY:	-	
SCALE:	1" = 60'	
DATE:	8/4/99	
DRAWING FILE:	116890	

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 OF WISCONSIN  
 16940 VICTOR ROAD  
 NEW BERLIN, WI 53151  
 (414) 641-9011

**MOBIL OIL CORPORATION**  
 Marketing & Refining Division - U.S.  
 Marketing Operations Department  
 Environmental Engineering Group  
 Fairfax, Virginia 22037

**GROUNDWATER CONTOUR MAP**  
 (5/10/99)  
 FORMER MOBIL SERVICE STATION # 05-MWO  
 1441 RACINE AVENUE  
 WAUKESHA, WAUKESHA COUNTY, WISCONSIN

NO.	REVISIONS	DATE	BY	CHKD



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NEW BERLIN, WI 53151  
(414) 641-9011

## MOBIL OIL CORPORATION

Marketing & Refining Division - U.S.  
Marketing Operations Department  
Environmental Engineering Group  
Fairfax, Virginia 22037

## GROUNDWATER ANALYTICAL RESULTS MAP (5/10/99)

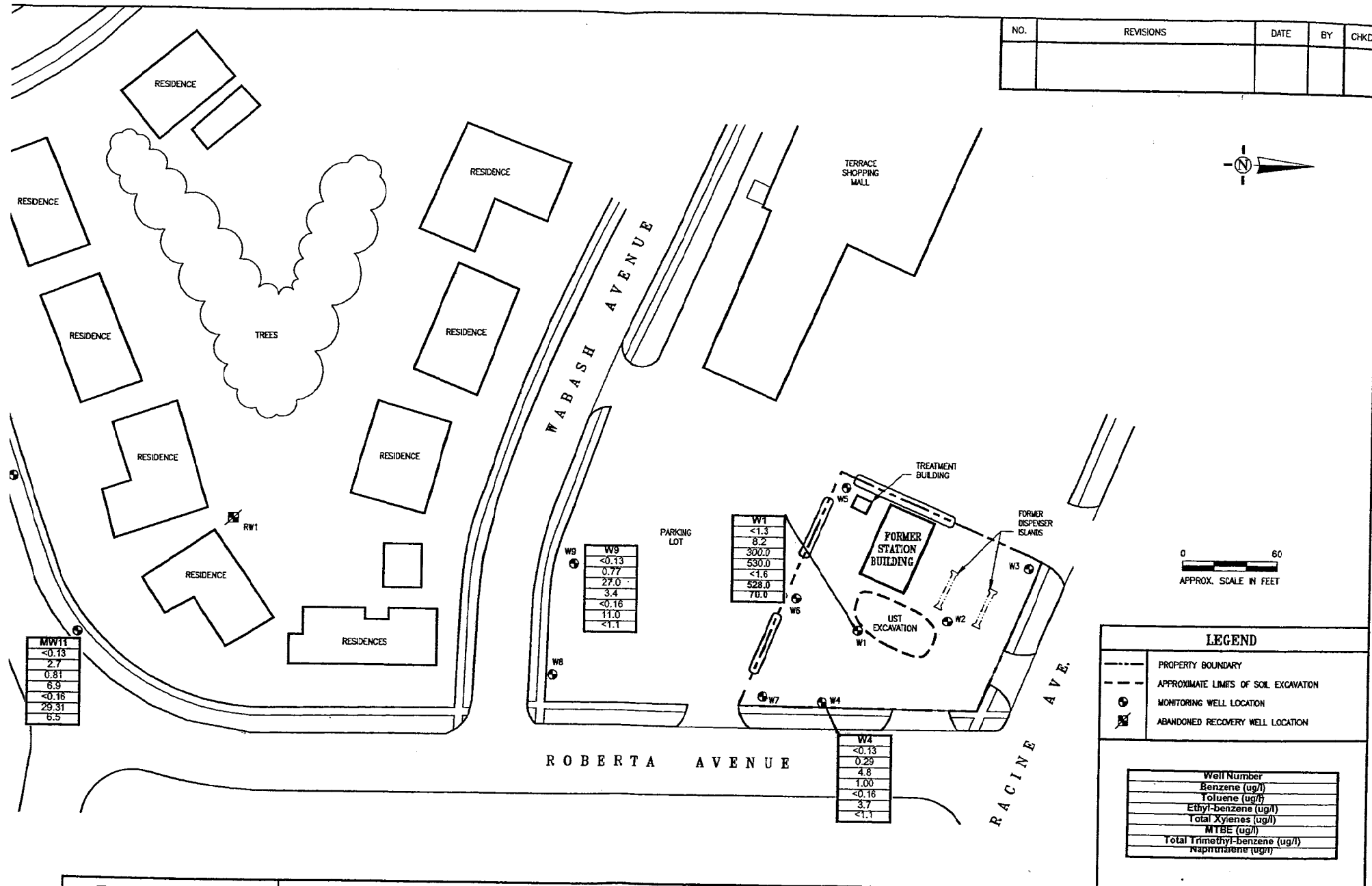
FORMER MOBIL SERVICE STATION # 05-MWO  
1441 RACINE AVENUE  
WAUKESHA, WAUKESHA COUNTY, WISCONSIN

DRAWN BY: M. SMITH  
CHECKED BY: -  
SCALE: 1" = 60'  
DATE: 8/4/99  
DRAWING FILE: 116890

FIGURE

4

NO.	REVISIONS	DATE	BY	CHKD



**Handex**  
OF WISCONSIN  
16940 VICTOR ROAD  
NEW BERLIN, WI 53151  
(414) 641-9011

## MOBIL OIL CORPORATION

Marketing & Refining Division - U.S.  
Marketing Operations Department  
Environmental Engineering Group  
Fairfax, Virginia 22037

## GROUNDWATER ANALYTICAL RESULTS MAP

12/02/1999

FORMER MOBIL SERVICE STATION # 05-MWO  
1441 RACINE AVENUE  
WAUKESHA, WAUKESHA COUNTY, WISCONSIN

DRAWN BY: M. SMITH  
CHECKED BY: -  
SCALE: 1" = 60'  
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FIGURE

5

**Certified Mail # 7000 1530 0003 2263 8761**

August 20, 2002

**ExxonMobil**  
*Refining & Supply*

Mr. John M. Remmers  
PO Box 558  
Waukesha, WI 53187-0558

Re: GIS Registry  
Former Mobil Service Station 05-MWO  
1441 Racine Avenue  
Waukesha, WI 53151  
WDNR BRRTs # 0368000291

Dear Mr. Remmers:

I am writing to notify you of recent revisions to the NR 700 rule series of the Wisconsin Administrative Code (WAC). Changes to the WAC became effective November 1, 2001 requiring certain properties to be listed on a geographic information system (GIS) Registry maintained by the Wisconsin Department of Natural Resources (WDNR). This recent rule change allows for closure of environmental remediation sites where natural attenuation is being used to complete groundwater cleanup without requiring groundwater use restrictions to be recorded with the property deed.

Groundwater at the property at 1441 Racine Avenue, Waukesha, WI (the Property) has been tested by ExxonMobil's consultants on a frequent basis, and has exhibited levels of trimethylbenzene above the state groundwater enforcement standards found in chapter NR 140 of the WAC. However, the WDNR has determined that natural attenuation will complete the cleanup at the site and the site meets the requirements for case closure that are found in chapter NR 726. A copy of the WDNR No Further Action letter for the site, dated September 14, 2000, is included with this letter. Also included is a copy of the WDNR's fact sheet describing the use of natural attenuation as a final remedy (Publication #RR-671).

Since the WDNR has approved natural attenuation as a remedy for this site, I will be requesting the WDNR grant this site final closure. Final closure means that the Department will not be requiring any further investigation or cleanup action to be taken, other than the reliance on natural attenuation.

The WDNR will not review my closure request for at least 30 days after the date of this letter. As the owner of the property, you may contact the WDNR to provide any technical information that indicates closure should not be granted for this site. If you would like to submit any information relevant to this closure request to the WDNR, you should mail that information to: Mr. Jim Delwiche, Hydrogeologist, Wisconsin Department of Natural Resources, Waukesha Service Center, 407 Pilot Court, Suite 100, Waukesha, Wisconsin, 53188.

Once this site is closed, all properties within the area where groundwater quality exceeds NR 140 groundwater enforcement standards will be listed on the WDNR's GIS Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater quality exceeding chapter NR 140 standards was



found at the time that the case was closed. This GIS Registry will be available to the general public on the WDNR's internal web site. I have enclosed with this letter the legal description of the property. Please review this legal description and notify me within the next 30 days if the legal description is incorrect.

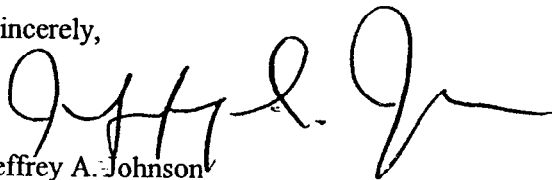
The GIS registry will be used by the WDNR to make sure wells are properly installed in Wisconsin. Any well driller who proposes to construct a well on your property in the future will first need to call the Diggers Hotline (1-800-242-8511) if the Property is located outside of the service area of a municipally owned water system. If the Property is located within the designated service area of a municipally owned water system, the driller will need to contact the Drinking Water program within the WDNR. Either way, the WDNR will then contact the well driller to advise if there is a need for special construction standards to complete the well installation.

There are no costs to you for the closure or for the GIS Registry. Neither you nor subsequent owners of your property will be held responsible for investigation or cleanup of this groundwater impact, as long as you and any subsequent owners comply with the requirements of Section 292.13, Wisconsin Statutes. For further information on the requirements of Section 292.13, Wisconsin Statutes, you may call 1-800-367-6076 to obtain a copy of the WDNR's publication #RR-589, Fact Sheet 10: Guidance for Dealing with Properties Affected by Off-Site Contamination.

Once the WDNR makes a decision on my closure request, it will be documented in a letter. I will forward you a copy of the closure letter for your information. You may also obtain a copy of this letter by writing to the agency address given above, or by accessing the DNR GIS Registry of Closed Remediation Sites on the internet at [www.dnr.state.wi.us/org/at/et/geo/gwur](http://www.dnr.state.wi.us/org/at/et/geo/gwur). A copy of the closure letter will be included as part of the site file on the GIS Registry of Closed Remediation Sites.

Should you have any questions regarding this correspondence, please do not hesitate to contact me at (815) 521-7369, or you may contact Mr. Jim Delwiche of the Wisconsin Department of Natural Resources at (262) 574-2145.

Sincerely,



Jeffrey A. Johnson  
Remediation Territory Manager  
ExxonMobil Oil Corporation

Attachments:

1. Conditional Closure Letter (September 14, 2000)
2. WDNR Factsheet (Publication #RR-671)
3. Legal Description of Property

cc: Mr. Craig Workman, Handex of Wisconsin  
Mr. Jim Delwiche, WDNR